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ABSTRACT

Accessibility to Ontario universities in 1984 was studied to replicate a 1983 study. The study population consisted of 7,798 Ontario secondary school students who were qualified to seek admission to an Ontario university in fall 1984 but who failed to register. To identify acceptance and rejection patterns, data are provided on: the number of offers to programs of choice from any postsecondary institution and from an Ontario university only; offers by institution type for the first three choices made; main reasons affecting respondents' choice not to attend any postsecondary institution; rank order of main reasons for not accepting offers; rank order of choice by type of program; and mean grade 13 grade point average by program and whether or not an offer was received for Ontario university programs. It was found that respondents not receiving offers tended to make slightly fewer choices overall than the sample as a whole. Groups who did not receive offers were overrepresented in their choice of an Ontario university as their first choice. Appendices include the questionnaire, telephone survey answer sheet, interview question sheet, coding manual, an alphabetical listing of universities, and information on the research design and fieldwork procedures. (SW)

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# ACCESSIBILITY TO ONTARIO UNIVERSITIES

## FALL 1984

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and
Ontario Universities' Application Centre

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## INTRODUCTION

The Council of Ontario Universities and the Ontario Universities' Application Centre contracted with Social Data Research to replicate a study, first carried out last year, on accessibility to Ontario universities. (See "Accessibility to Ontario Universities", published by C.O.U. in October, 1984, for the results of last year's study.) This study surveyed applicants from Ontario secondary schools to universities in this province who, by traditional standards, were qualified to register in an Ontario university in September, 1984 but failed to do so. For the 1984-85 academic year, there were a total of 71,834 applicants for admission to university in Ontario and of these, 48,162 were secondary school candidates.

The study population was defined as all traditionally qualified secondary school applicants seeking admission to an Ontario university in the fall of 1984 who were not registered as of November 1, 1984. As before, Grade 13 visa students were excluded from the study. Traditionally qualified applicants were those identified by the Application Centre as having achieved an overall standing of at least 60% on six Grade 13 credits. The study population for this year subsequently processed by the Application Centre totalled 7,798.

For the most part, the research design and methodology remained the same as in the previous year, although some minor changes were made. In terms of the overall design, a two-thirds random sample (4720 users) was drawn rather than administering the survey to the entire population. A sample of this size, while less costly to administer, still allows researchers to carry out the analysis with an insignificant amount of

error. At the same time, however, the sample size was large enough to allow for all combinations of programs and institutions without generating zero cells.

The mailed questionnaire remained almost identical to last year's, although some previously open-ended questions were closed, using last year's responses as a guide (see Appendix B-1). The response rate after two follow-ups was 58.7%, almost identical to last year's result (58.6%).

This year's study also involved a random telephone survey of non-respondents and once again only insignificant differences were found between the respondent and non-respondent population. A detailed description of the questionnaire design, the mail-out procedure, response rates and biases, coding procedure, data entry, editing and analysis, as well as a copy of all study related materials, can be found in Appendices A and B.

Tables in the main body of this year's report are produced in the format developed for last year's analysis. A brief summary of each table is given and differences between the 1983 and 1984 results are highlighted. For the purpose of comparability, the table numbers from last year's report are used.

**Once again readers are cautioned not to generalize these results to the university applicant pool as a whole. This report deals ONLY with a sample of traditionally qualified applicants who subsequently did not register in an Ontario university in the fall of 1984.**

## (A) Pattern of Acceptances and Rejections

### (i) Total and Alternative Offers

Table 1 displays the total number of offers that respondents received from any post-secondary institution or from an Ontario university only to a program of their choice. The fraction of respondents who did not receive any offers to a program of their choice from an Ontario university increased from last year by about 2% (25.9% vs 28.0%). Those not receiving an offer to a program of choice from any post-secondary institution remained at about eleven per cent.

Table 1

Total Offers to Program(s) of Choice
from Any Post-Secondary Institution and from an
Ontario University Only

| Number of Offers | From Any Post-Secondary Institution | From an Ontario University |
|---|---|---|
| 0 (none) | 10.9 | 28.0 |
| 1 | 19.0 | 22.1 |
| 2 | 19.0 | 22.3 |
| 3 | 24.9 | 26.2 |
| 4 | 17.1 | 1.3 |
| 5 | 5.6 | 0.1 |
| 6 | 2.4 | 0.0 |
| 7 | 0.9 | 0.0 |
| 8 | 0.2 | 0.0 |
| 9 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 |

N = 2559

In Table 2, total offers, including alternative offers (i.e. not necessarily to a program of choice) from any post-secondary institution and from an Ontario university only, are presented. Once again, the percentage of those not receiving an offer from an Ontario university increased by 2 per cent (17.4% vs 15.4%).

Table 2

Total Offers, Including Alternative Offers from any Post-Secondary Institution and from an Ontario University

| Number of Offers | From Any Post-Secondary Institution | From an Ontario University |
|---|---|---|
| 0 (none) | 6.8 | 17.4 |
| 1 | 14.6 | 21.7 |
| 2 | 17.9 | 23.3 |
| 3 | 26.3 | 35.3 |
| 4 | 21.8 | 2.0 |
| 5 | 7.3 | 0.2 |
| 6 | 3.6 | 0.1 |
| 7 | 1.1 | 0.0 |
| 8 | 0.4 | 0.0 |
| 9 | 0.2 | 0.0 |
| 10 | 0.0 | 0.0 |

N = 2559

As in Table 1, there was no change in the result for total offers from any institution. As in the previous year, about seven per cent of the respondents received no offers at all.

**(ii) Offers by Institution and Program Type**

Differences among institutions with respect to offers for the first three choices made by this year's respondents are presented in Table 3. The overall pattern of results remains the same as last year. Generally, within this population, less than half of the respondents whose first choice was an Ontario university program received an offer of admission to their first choice. Compared to last year, this rate has decreased for the first three choices by several per cent. (First choice = 48.3% vs 46.3%; second choice = 57.1% vs 55.2%; third choice = 60.0% vs 56.9%). Offers to an Ontario college of applied arts and technology and to U.S. colleges, on the other hand, generally went up.

Table 3

Offers by Institution Type for
First Three Choices Made

| Institution | Percent Received Offers | | | | | |
|---|---|---|---|---|---|---|
| | First Choice | | Second Choice | | Third Choice | |
| | % | N | % | N | % | N |
| Ontario University | 46.3 | 1684 | 55.2 | 2087 | 56.9 | 2010 |
| Ryerson Polytechnical Institute | 84.8 | 297 | 56.8 | 81 | 62.5 | 64 |
| Ontario College of Art | 72.0 | 25 | 60.0 | 5 | 50.0 | 2 |
| Ontario College of Applied Art & Technology | 85.2 | 236 | 79.2 | 212 | 70.3 | 209 |
| Other Canadian University | 91.1 | 202 | 72.6 | 62 | 85.7 | 21 |
| U.S. College | 83.1 | 59 | 68.8 | 32 | 71.4 | 28 |
| Other Post-Secondary Institution | 90.0 | 50 | 92.3 | 13 | 90.0 | 10 |

The same trend is evident in Table 4 where offers are broken down by program type. In almost all cases, the percentage of offers declined from last year. The largest decreases in offers came from first choice business (46.9% vs 38.3%), engineering (31.2% vs 26.1%) and education (51.9% vs 41.0%). As in the previous year's result, respondents choosing an applied biological science or arts related program as their first choice were more likely to receive an offer than those applying to other programs. Respondents applying to applied health and engineering once again had the lowest percentage of offers.

Table 4

Offers by Program Type for First Three Choices Made - Ontario Universities Only

| Program | Percent Received Offers | | | | | |
|---|---|---|---|---|---|---|
| | First Choice | | Second Choice | | Third Choice | |
| | % | N | % | N | % | N |
| Arts related | 60.2 | 673 | 65.0 | 858 | 65.4 | 856 |
| Business related | 38.3 | 243 | 53.2 | 325 | 57.6 | 302 |
| General science | 49.2 | 264 | 59.4 | 357 | 58.2 | 359 |
| Engineering | 26.1 | 184 | 34.4 | 218 | 42.9 | 182 |
| Applied health | 9.0 | 144 | 18.9 | 132 | 18.7 | 134 |
| Applied biological science | 74.1 | 54 | 80.0 | 55 | 80.4 | 51 |
| Education | 41.0 | 122 | 45.1 | 142 | 44.8 | 125 |

## (B) Factors Affecting Respondents' Choice Not to Attend any Post-Secondary Institution

### (i) General Factors

The reasons given by respondents for not attending any post-secondary institution in the fall of 1984 were the same as last year (Table 5). However, more respondents this year than last year said that they did not get into the institution of their choice (29.3% vs 25.6%). The other significant difference from last year's results was that fewer respondents cited lack of finances as a reason for not attending a post-secondary institution (19.5% vs 22.2%).

Table 5

Main Reasons Why Respondents Did Not Attend Any Post-Secondary Institution

| Main Factors | Percent Rated Very Important |
|---|---|
| Undecided about future | 42.6 |
| Did not get accepted into program of choice | 34.7 |
| Needed a break | 32.6 |
| Did not get accepted into institution of choice | 29.3 |
| Wanted to improve Grade 13 marks | 25.0 |
| Could not afford to go | 19.5 |
| Did not find right program | 18.5 |
| Decided to travel | 16.3 |
| Intended to look for work | 11.0 |
| Preferred to carry on with job | 9.7 |
| Did not find right institution | 8.1 |
| Parents did not want applicant to go | 1.4 |
| Pursued other interests | 23.8 |
| Not ready yet | 34.7 |

N* = 640

* Note: N may vary slightly from item to item due to individual item non-response.

**(ii) Specific Reasons**

Table 6 outlines the specific reasons given, by choice, for not attending a particular institution. The reasons were once again grouped into five categories. However, since last year's question was open-ended and the 1984 version was not, Table 6 is not totally comparable to last year's results. Generally, the trend in answers remained the same. Once again, the main reason given, regardless of choice, was "that a better offer was received to another choice". For the most part, slightly fewer people this year gave finances as a reason for not attending an Ontario university (first choice = 9.7% vs 11.3%; second choice = 10.3% vs 9.8%; third choice = 7.2% vs 8.0%).

(C) <u>Activity on November 1, 1984 and February 1, 1985</u>

Table 7 lists the various activities that respondents were involved in on November 1, 1984 and February 1, 1985 and for the most part the results do not deviate much from last year's. Looking first at the present distribution for November 1, there are fewer respondents reporting that they were attending a university full time on that date than last year (3.5% vs 5.4%) and more attending part time (5.0% vs 3.4%). More respondents also returned to Grade 13 this year than in the last study (13.0% vs 11.4%). The main difference in the February 1 results was that once again fewer respondents were attending university full time (5.2% vs 7.5%) and more were enrolled part-time (6.2% vs 3.9%) than a year previous.

Table 6

Rank Order of Main Reasons Given for not Accepting Offers

| Reasons for Rejection to 1st Offer | Percent Total | Percent Ontario Universities |
|---|---|---|
| A better offer was received to another choice | 50.8 | 48.2 |
| Own choice - personal reasons | 26.3 | 27.6 |
| Not accepted into program or institution of choice | 10.0 | 10.9 |
| Financial reasons | 9.2 | 9.7 |
| Own choice - institutional reasons | 3.7 | 3.8 |
| N | 2128 | 1811 |
| Reasons for Rejection to 2nd Offer | | |
| A better offer was received to another choice | 56.7 | 54.5 |
| Own choice - personal reasons | 22.9 | 23.8 |
| Financial reasons | 9.3 | 10.3 |
| Not accepted into program or institution of choice | 7.4 | 7.6 |
| Own choice - institutional reasons | 3.8 | 3.9 |
| N | 1653 | 1375 |
| Reasons for Rejection to 3rd Offer | | |
| A better offer was received to another choice | 57.3 | 53.5 |
| Own choice - personal reasons | 24.1 | 26.4 |
| Financial reasons | 8.1 | 7.2 |
| Not accepted into program or institution of choice | 7.0 | 7.6 |
| Own choice - institutional reasons | 3.5 | 3.5 |
| N | 1102 | 881 |

Table 7

Activity* on November 1, 1983 and February 1, 1984

| Activity | Nov. 1 | Feb. 1 |
|---|---|---|
| Enrolled full-time at an Ontario University | 3.5 | 5.2 |
| Enrolled part-time at an Ontario University | 5.0 | 6.2 |
| Enrolled full or part-time in a University outside Ontario | 14.3 | 14.5 |
| Enrolled full or part-time at Ryerson | 14.0 | 14.2 |
| Enrolled full or part-time at OCA | 1.0 | 0.9 |
| Enrolled full or part-time at a CAAT | 22.6 | 22.7 |
| Enrolled full or part-time at another institution | 4.4 | 4.5 |
| Enrolled full or part-time in Grade 13 | 13.0 | 7.6 |
| Working full or part-time | 25.1 | 25.8 |
| Unemployed | 2.2 | 3.4 |
| Travelling | 3.4 | 3.2 |

* Note: In some cases respondents carried out more than one of the above activities at the same time.

## (D) Factors Affecting Educational Choices of University Non-Registrants

### (i) General Factors

Table 8 was not reproduced this year.

### (ii) Specific Reasons

In Table 9, the types of reasons are listed for the first three choices of a post-secondary institution. Since this question was changed from an open-ended one last year to one with structured

questions this year, the results are not totally comparable. However, as in the previous study, the reputation of a particular program or institution was very important. As well, about 10% of the respondents in both years mentioned financial reasons as being important - the fourth important reason overall.

Table 9

Rank Order of Main Reasons given for First Three Educational Choices of a Particular Institution or Program

| Reason | First Choice % | (Rank) | Second Choice % | (Rank) | Third Choice % | (Rank) |
|---|---|---|---|---|---|---|
| The institution's reputation for academic excellence | 31.4 | (1) | 29.8 | (1) | 24.7 | (2) |
| The good reputation of a particular program | 31.4 | (2) | 27.2 | (2) | 25.0 | (1) |
| Financial reasons | 10.3 | (3) | 11.8 | (3) | 11.4 | (3) |
| Other reasons | 7.3 | (4) | 7.9 | (5) | 10.0 | (5) |
| The institution's ambience | 7.0 | (5) | 9.1 | (4) | 10.8 | (4) |
| The institution's reputation for job-related programs | 6.4 | (6) | 4.2 | (7) | 3.4 | (8) |
| Advice from others | 3.7 | (7) | 6.8 | (6) | 8.2 | (6) |
| Other institutional reason | 2.6 | (8) | 3.2 | (8) | 6.4 | (7) |
| N | 2409 | | 2316 | | 2146 | |

Tables 10 and 11 were not generated this year.

## (E) Patterns of Choice

### (i) Number of Choices

The main difference noted in Table 12 compared to last year's results is that fewer respondents this year applied to just one (7.3% vs 8.6%) or two (14.3% vs 16.4%) Ontario universities. Considerably more, on the other hand, made three choices (71.2% vs 65.2%). There were also more respondents this year than last listing three colleges of applied arts and technology (11.1% vs 9.9%).

### (ii) Ranking of Choice by Institution

There were no differences in the results reported in Table 13. As was the case last year, the vast majority of the first three choices was an Ontario university.

### (iii) Ranking of Choices by Program

Program choices varied somewhat from last year (Table 14). Significantly more people chose arts over the other programs. Last year about one third of the sample (33.6%) elected arts as their first choice. This figure has risen to 40.0% for this year's non-registered applicant pool. At the same time, fewer respondents this year chose such programs as engineering (10.9% vs 16.8%); business (14.4% vs 16.5%); and applied health (8.6% vs 10.6%). Programs such as education and general science attracted a greater percentage of applicants this year (7.2% vs 4.9%; 15.7% vs 13.7% respectively).

Table 12

Total Number of Program and Institutional Choices by Type of Institution

| Number of Choices | % Total | % Ontario Univ. | % Ryerson | % OCA | % CAAT | % Other Canadian Univ. | % U.S. College | % Other Inst. |
|---|---|---|---|---|---|---|---|---|
| 0 (none) | 0.2 * | 1.4 * | 76.0 | 98.4 | 64.0 | 86.9 | 96.3 | 95.3 |
| 1 | 2.4 | 7.3 | 22.7 | 1.6 | 13.8 | 10.6 | 2.1 | 4.3 |
| 2 | 5.8 | 14.3 | 1.2 | 0.0 | 8.5 | 1.9 | 0.6 | 0.3 |
| 3 | 32.1 | 71.2 | 0.1 | 0.0 | 11.1 | 0.5 | 0.5 | 0.0 |
| 4 | 30.5 | 4.5 | 0.0 | 0.0 | 1.2 | 0.0 | 0.2 | 0.0 |
| 5 | 11.7 | 0.9 | 0.0 | 0.0 | 0.7 | 0.0 | 0.2 | 0.0 |
| 6 | 9.7 | 0.2 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| 7 | 4.8 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 8 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 (choices) | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

N = 2559

* Note: Although all respondents are on record as having made at least one application to an Ontario University, a small minority of respondents did not recall their application or elected not to respond to this question correctly.

Table 13

Rank Order of Choice by Type of Institution

| | %First Choice | %Second Choice | %Third Choice | %Fourth Choice | %Fifth Choice |
|---|---|---|---|---|---|
| Institution | | | | | |
| Ontario University | 65.8 | 81.6 | 85.8 | 52.0 | 34.0 |
| Ryerson Polytechnical Inst. | 11.6 | 3.2 | 2.7 | 9.7 | 3.5 |
| Ontario College of Art | 1.0 | 0.2 | 0.1 | 0.4 | 0.1 |
| Ontario Colleges of Applied Arts and Technology | 9.2 | 8.3 | 8.9 | 28.3 | 54.3 |
| Canadian Universities Outside Ontario | 7.9 | 2.4 | 0.9 | 4.7 | 4.9 |
| U.S. Colleges | 2.3 | 1.3 | 1.2 | 2.2 | 1.9 |
| Other Post Secondary Institutions | 2.0 | 0.5 | 0.4 | 2.7 | 1.3 |
| N | 2553 | 2492 | 2344 | 1521 | 741 |

Table 14

Rank Order of Choice by Type of Program

| | %First Choice | %Second Choice | %Third Choice | %Fourth Choice | %Fifth Choice |
|---|---|---|---|---|---|
| Program | | | | | |
| Arts related | 40.0 | 41.4 | 42.6 | 36.4 | 28.6 |
| Business related | 14.4 | 15.6 | 15.0 | 20.0 | 24.1 |
| General science | 15.7 | 17.1 | 17.9 | 12.5 | 9.7 |
| Engineering | 10.9 | 10.4 | 9.1 | 12.6 | 13.5 |
| Applied health | 8.6 | 6.3 | 6.7 | 12.0 | 18.0 |
| Applied biological sciences | 3.2 | 2.6 | 2.5 | 3.4 | 3.1 |
| Education | 7.2 | 6.8 | 6.2 | 3.1 | 3.0 |
| N | 1684 | 2087 | 2009 | 1519 | 740 |

**(iv) Pattern of Choices by Institution**

In Table 15, figures are presented to show the number of times an Ontario university was chosen relative to the total number of choices an applicant made. Regardless of the total number of choices an applicant made, generally only three Ontario universities were chosen. This is consistent with university application procedures in Ontario. However, in almost all cases, a greater percentage of respondents than last year were making all three choices to Ontario universities regardless of the total number of choices made. In addition, for those respondents making only one choice, significantly more chose an Ontario university this year over last year (75.8% vs 68.0%). On the other hand, only about half of those (49.7%) respondents who made two choices this year made both of those choices an Ontario university compared to considerably more than half (56.0%) of the respondents last year.

In Table 16, the various combinations of types of institutions are presented. This pattern remained almost identical to last year. Once again, almost half (47.4%) of the respondents chose to apply to Ontario universities only.

**(v) Pattern of Choices by Program**

Table 17 illustrates the combination of choices by type of program, controlling for first choice. This year's results showed an increase in the tendency to make second choices in the same program as the first choice. This increase in the results for this year over last year was particularly significant for programs such as business (78.6% vs 75.6%); science (80.0% vs 57.8%); engineering (78.6% vs 58.1%) and applied and biological sciences (75.0% vs

Table 15

Per Cent of Respondents Choosing Ontario Universities
by Total Number of Choices

| Total Number of Applications Made | | Number of Ontario Universities Chosen | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | (N) | 0* | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| one | ( 64) | 24.2 | 75.8 | - | - | - | - | - | - | - | - | - |
| two | (149) | 5.4 | 45.0 | 49.7 | - | - | - | - | - | - | - | - |
| three | (822) | 0.5 | 4.0 | 18.5 | 77.0 | - | - | - | - | - | - | - |
| four | (780) | 0.5 | 2.7 | 8.3 | 80.0 | 8.5 | - | - | - | - | - | - |
| five | (299) | 0.0 | 4.3 | 12.7 | 69.2 | 9.0 | 4.7 | - | - | - | - | - |
| six | (249) | 0.4 | 0.8 | 10.4 | 81.1 | 3.2 | 1.6 | 2.4 | - | - | - | - |
| seven | (124) | 0.0 | 1.6 | 6.5 | 83.5 | 6.5 | 1.6 | 0.0 | 0.0 | - | - | - |
| eight | ( 45) | 0.0 | 0.0 | 6.7 | 77.8 | 8.9 | 6.7 | 0.0 | 0.0 | 0.0 | - | - |
| nine | ( 13) | 0.0 | 7.7 | 7.7 | 69.2 | 15.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - |
| ten | ( 11) | 0.0 | 0.0 | 0.0 | 72.7 | 9.1 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |

* Note: Although all respondents are on record as having made at least one application to an Ontario university, a small minority of respondents did not recall their application or did not answer this question correctly.

Table 16

Combinations of Choices by Type of Institution

| Choices | N | Percent |
|---|---|---|
| Ontario Universities only | 1214 | 47.4 |
| Ontario Universities and at least one College of Applied Arts and Technology | 618 | 24.2 |
| All of the above and Ryerson | 279 | 10.9 |
| All of the above and another Institution | 8 | 0.3 |
| Ontario University and Ryerson | 318 | 12.4 |
| Ontario University Ryerson and another Institution | 9 | 0.4 |
| Ontario University and another Institution | 89 | 3.5 |
| Ontario University, CAAT and another Institution | 14 | 0.6 |
| Incomplete Information | 10 | 0.4 |
| Total | 2559 | 100.0 |

Table 17

Combination of Choices by Type of Program
Controlling for First Choice

| First Choice Program | Ranking Choice 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th |
|---|---|---|---|---|---|---|---|---|---|---|
| Arts | 100.0 | 82.1 | 81.5 | 70.8 | 56.1 | 42.5 | 60.6 | 46.2 | 0.0 | 100.0 |
| Business | 100.0 | 78.6 | 67.3 | 59.5 | 53.8 | 52.5 | 58.1 | 9.1 | 0.0 | 0.0 |
| Science | 100.0 | 80.0 | 70.1 | 55.9 | 24.4 | 11.8 | 14.3 | 0.0 | 0.0 | 0.0 |
| Engineering | 100.0 | 78.6 | 66.3 | 50.0 | 40.9 | 54.5 | 37.5 | 60.0 | 0.0 | 0.0 |
| Applied health | 100.0 | 45.5 | 57.7 | 44.8 | 44.2 | 46.9 | 64.5 | 25.0 | 62.5 | 50.0 |
| Applied biological sciences | 100.0 | 75.0 | 30.6 | 21.4 | 36.4 | 11.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Education | 100.0 | 22.2 | 58.7 | 47.2 | 21.4 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 |

44.4%). Fewer people this year, on the other hand, who chose education or applied health as a first choice also made this their second choice (22.2% vs 38.5%; 45.5% vs 59.1% respectively).

**(F) A Profile of Ontario University Non-Offers**

As in the analysis of the previous year, a number of tables were run only for those respondents who did not receive any offers to an Ontario university. In Table 18, the mean number of total choices and choices to an Ontario university is presented and respondents receiving no offers are compared to the overall sample. Once again, respondents who received no offers tended to make slightly fewer choices overall than the sample as a whole. For the most

Table 18

Mean Number of Total Choices and Choices to an Ontario University for those Respondents Receiving no Offers from an Ontario University

| | N | Mean Number of Choices | Mean Number of choices to an Ontario University |
|---|---|---|---|
| Respondents with no offers of their choice | 717 | 4.0 | 2.5 |
| Respondents with no offers at all | 446 | 3.9 | 2.4 |
| Total respondents | 2559 | 4.1 | 2.7 |

part, the average number of applications that respondents made this year rose from last year regardless of whether or not any offers were received. The only exception to this was for the average number of applications to Ontario universities, which remained at 2.7 for the sample overall. Respondents who received no offers of their choice, on the other hand, tended to have made more applications to Ontario universities this year over last (2.5 vs 2.3) as did those respondents who received no offers at all including alternative offers (2.4 vs 2.1).

Table 19 presents the selection of an Ontario university as at least one of the first five choices broken down by whether or not respondents received any offers. Similar to last year, both non offer groups were over represented in their choice of an Ontario university as their first choice. However, compared to last year's results all respondents were more likely to choose Ontario universities. In most cases, there was an increase of at least two percent in the choice of an Ontario university.

Table 19

Choice of an Ontario University
among the Top Five Choices

| | Respondents with no offers of their choice % | Respondents with no offers at all % | Total Respondents % |
|---|---|---|---|
| First Choice | 73.4 | 71.5 | 66.0 |
| Second Choice | 81.6 | 78.0 | 83.7 |
| Third Choice | 80.3 | 78.0 | 85.8 |
| Fourth Choice | 31.5 | 28.3 | 52.0 |
| Fifth Choice | 20.0 | 21.6 | 34.0 |

The results in Table 20, which looks at selected programs, are quite similar to those from last year. However, fewer respondents overall chose engineering and applied science (no offers to choice = 12.9% vs 17.1%; no offers at all = 9.7% vs 13.3%; total respondents = 9.7% vs 13.5%), and more chose arts (no offers to choice = 15.3% vs 13.2%; no offers at all = 22.1% vs 19.3%; total respondents = 23.6% vs 20.6%). As in previous years, though, respondents with no offers were over-represented in fields such as engineering and nursing.

Table 20

Choice of a Specific Program for First Three Choices

| First Choice | Respondents with no offers of their choice | Respondents with no offers at all | Total Respondents |
|---|---|---|---|
| Selected Programs | % | % | % |
| General Arts | 15.3 | 22.1 | 23.6 |
| General Science | 12.6 | 12.8 | 13.3 |
| Business | 15.8 | 16.2 | 15.7 |
| Engineering and Applied Science | 12.9 | 9.7 | 9.7 |
| Nursing | 14.6 | 7.4 | 7.0 |
| Second Choice | | | |
| Selected Programs | | | |
| General Arts | 16.8 | 23.7 | 26.7 |
| General Science | 14.3 | 15.1 | 15.4 |
| Business | 16.4 | 17.0 | 15.7 |
| Engineering and Applied Science | 12.7 | 8.6 | 8.8 |
| Nursing | 15.7 | 8.4 | 6.9 |
| Third Choice | | | |
| Selected Programs | | | |
| General Arts | 16.9 | 24.4 | 28.2 |
| General Science | 15.0 | 16.1 | 16.2 |
| Business | 14.9 | 16.1 | 15.0 |
| Engineering and Applied Science | 13.0 | 8.3 | 8.7 |
| Nursing | 17.1 | 8.3 | 7.4 |

Table 21 shows the Grade 13 mean grade point average for each group, and once again the engineering and applied health fields required the highest marks to elicit offers. In fact, the level of grades required of this population for entrance into an Ontario university program increased across the board by a full percentage point in most cases.

Table 21

Mean Grade 13 Grade Point Average by Program and Whether or not an Offer was Received - Ontario University Programs Only

| | An offer was made | No offer was made |
|---|---|---|
| **First Choice Program** | | |
| Arts related | 74.0 | 66.2 |
| Business related | 74.2 | 67.4 |
| General Science related | 77.1 | 66.3 |
| Engineering related | 81.2 | 70.4 |
| Applied Health | 77.4 | 70.8 |
| Applied Biological Sciences | 72.2 | 64.3 |
| Education related | 71.4 | 65.7 |
| **Second Choice Program** | | |
| Arts related | 74.7 | 66.1 |
| Business related | 74.9 | 67.1 |
| General Science related | 77.1 | 66.7 |
| Engineering related | 80.2 | 70.1 |
| Applied Health | 78.2 | 70.6 |
| Applied Biological Sciences | 71.4 | 67.4 |
| Education related | 71.2 | 66.5 |
| **Third Choice Program** | | |
| Arts related | 74.6 | 66.6 |
| Business related | 74.6 | 67.4 |
| General Science related | 77.6 | 68.0 |
| Engineering related | 80.4 | 69.7 |
| Applied Health | 78.2 | 70.2 |
| Applied Biological Sciences | 73.3 | 64.4 |
| Education related | 71.2 | 66.4 |

**(ii) Activity on November 1, 1984**

Comparing the non-offer groups with the respondents overall in terms of their activity on November 1 brought similar results to last year (Table 22). Once again, the non offer respondents were far more likely to return to Grade 13 or to attend a college of applied arts and technology than the respondents as a whole. They were also more likely to be working full or part time. The non offer respondents were also less likely to explore the option of attending a university outside Ontario or to enroll part time at an Ontario university. There were, however, also some differences between this year and last year's results, particularly for the non offer groups. Respondents receiving no offers to their choices or any alternative offers were more likely this year to be attending a college of applied arts and technology (no offer to choice = 33.2% vs 31.6%; no offers at all = 34.1% vs 29.5%), or to be enrolled in Grade 13 (no offer to choice = 23.6% vs 19.6%; no offers at all = 29.1% vs 22.7%) and less likely than last year to be working full or part time (no offer to choice = 27.1% vs 29.0%; no offers at all = 29.1% vs 31.5%).

**SUMMARY**

It appears that for the most part, this year's results are similar to last year's with some slight tightening of access to Ontario universities having occurred. As well, it appears that applicants are becoming more aware of possible restrictions in some programs and are making more informed choices.

Table 22

Activity* on November 1, 1984 for Respondents who Did Not Receive University Offers

| | Respondents with no offers of choice | Respondents with no offers at all | Total offers |
|---|---|---|---|
| Enrolled full-time at an Ontario University | 0.6 | 0.2 | 3.5 |
| Enrolled part-time at an Ontario University | 3.9 | 0.2 | 5.0 |
| Enrolled full-time or part-time in a university outside Ontario | 6.6 | 7.0 | 14.3 |
| Enrolled full-time or part-time at Ryerson | 11.4 | 7.4 | 14.0 |
| Enrolled full-time or part-time at OCA | 0.6 | 0.7 | 1.0 |
| Enrolled full-time or part-time at an Ontario College of Applied Art and Technology | 33.2 | 34.1 | 22.6 |
| Enrolled full-time or part-time at another institution | 2.1 | 2.7 | 4.4 |
| Enrolled full-time or part-time in Grade 13 | 23.6 | 29.1 | 13.0 |
| Working full or part-time | 27.1 | 29.1 | 25.1 |
| Unemployed | 2.0 | 2.0 | 2.2 |
| Travelling | 1.5 | 1.6 | 3.4 |

* Note: In some cases respondents carried out more than one of the above activities at the same time.

# APPENDIX A

## DETAILED RESEARCH DESIGN AND FIELDWORK PROCEDURES

**A-1. Time Table and Schedule of Events**

1985

| | |
|---|---|
| April 1 - April 15 | Study design; questionnaire construction |
| April 16 - April 30 | Pretest of questionnaire; Questionnaire finalization |
| May 1 - May 15 | Printing of questionnaires; Organization of mailout; Construction of codebook |
| May 16 - May 31 | First mailout; preliminary coding of returns and finalization of codebook |
| June 1 - June 15 | Processing returns; second mailout (reminder cards); coding; data entry; design of data edits |
| June 16 - June 30 | Processing returns; final mailout; coding; data editing; design of preliminary tabulations |
| July 1 - July 15 | Processing returns; coding; data entry; data editing; tabulations |
| July 16 - July 31 | Processing returns; coding; data entry; data editing; tabulations; design of final report |
| Aug. 1 - Aug. 15 | Telephone survey of non-respondents; coding completed; data entry and editing completed; final tabulations completed; introductory report |
| Aug. 16 - Aug. 31 | Finalization of report |

Table A-1

Comparison between Respondents and
the Population on Key Background Variables

| | Respondents | Population |
|---|---|---|
| Sex | | |
| Males | 42.4 | 46.0 |
| Females | 57.6 | 54.0 |
| Language of Correspondence | | |
| English | 98.4 | 98.1 |
| French | 1.3 | 1.5 |
| Unknown | 0.3 | 0.4 |
| County of Residence | | |
| Lanark | 0.5 | 0.4 |
| Ottawa-Carleton | 6.3 | 6.9 |
| Prescott & Russell | 0.4 | 0.5 |
| Renfrew | 0.7 | 0.8 |
| Glengarry | 0.7 | 0.9 |
| Kenora | 0.8 | 0.7 |
| Rainy River | 0.4 | 0.3 |
| Thunder Bay | 1.1 | 1.0 |
| Algoma | 1.5 | 1.4 |
| Manitoulin | 0.0 | 0.0 |
| Sudbury District | 0.3 | 0.2 |
| Sudbury Reg. Mun. | 1.6 | 1.7 |
| Cochrane | 0.4 | 0.5 |
| Muskoka | 0.3 | 0.2 |
| Nipissing | 0.6 | 0.6 |
| Parry Sound | 0.4 | 0.3 |
| Timiskaming | 0.4 | 0.3 |
| Elgin | 0.7 | 0.5 |
| Essex | 2.6 | 2.9 |
| Huron | 0.7 | 0.5 |
| Kent | 1.1 | 0.9 |
| Lambton | 1.0 | 1.1 |
| Middlesex | 3.7 | 3.8 |
| Brant | 1.2 | 1.0 |
| Bruce | 0.3 | 0.5 |
| Grey | 0.7 | 0.7 |
| Oxford | 1.1 | 1.1 |
| Perth | 0.8 | 0.7 |
| Waterloo | 3.9 | 3.3 |
| Wellington | 1.3 | 1.4 |
| Niagara | 4.5 | 4.4 |
| Haldimand/Norfolk | 0.6 | 0.7 |
| Hamilton/Wentworth | 4.8 | 4.5 |

Table A-1 (Continued)

Comparison between Respondents and
the Population on Key Background Variables

| | Respondents | Population |
|---|---|---|
| County of Residence (Continued) | | |
| Dufferin | 0.2 | 0.3 |
| Halton | 5.0 | 5.0 |
| Peel | 5.5 | 6.0 |
| Simcoe | 2.1 | 2.3 |
| Metro Toronto | 27.9 | 28.0 |
| Haliburton | 0.1 | 0.1 |
| Victoria | 0.6 | 0.4 |
| York | 3.2 | 3.6 |
| Durham | 3.7 | 3.4 |
| Northumberland | 0.4 | 0.4 |
| Frontenac | 2.0 | 1.8 |
| Hastings | 1.2 | 1.1 |
| Leeds & Grenville | 0.9 | 0.8 |
| Lennox & Addington | 0.2 | 0.2 |
| Peterborough | 1.1 | 0.9 |
| Prince Edward | 0.2 | 0.2 |
| N | 2559 | 4720 |

## A-2. Questionnaire

A revised questionnaire was drafted by Social Data Research and the Research Team. Areas addressed included both general and specific factors related to the choice of a post-secondary institution, the applicants' program and institutional choice(s); whether or not original or alternative offers were received; the applicants' activity on November 1, 1984 and February 1, 1985; and finally, reasons why applicants chose not to enrol in any post-secondary institutions. There were no background questions (i.e. sex, residence, etc.) included in the questionnaire since these characteristics exist on a separate file at the Application Centre. These data, which were attached to the response data set at a later date, included the respondent's sex, county of residence, language of correspondence and Grade 13 grade point average.

The questionnaire was designed as a self-administered instrument and took on average about ten minutes to complete.

## A-3. Mailout Procedure

The mailout of all questionnaires was carried out by the staff of the Ontario Universities' Application Centre. In total three mailings occurred: first, a questionnaire was sent to the entire population; about 2 to 3 weeks after the first mailing, a second questionnaire was sent to those applicants who had still not responded; and finally after an additional 2 weeks, all remaining non-respondents received another questionnaire.

In order to keep track of who responded and who did not, four sets of address labels were produced from the master file. Three sets of labels were required for the mailings and the fourth was used as a control set. Each questionnaire had an ID label on it which was matched by the mailout clerks to the corresponding ID on the outgoing envelope label. As each filled out survey was received, a clerk pulled off the remaining corresponding mailout label(s) as well as the ID label from the control labels. The control label was affixed to the matching label on the returned questionnaire. The entire mailout procedure was carried out during the later part of May and most of June. The final date for processing returned surveys was July 31, 1985.

## A-4. Response Rates and Biases

With regard to rates of response, it was anticipated that the first mailout would produce a return of about 30%, that an additional 10% could be expected as a result of the second questionnaire, and that the third mailout would generate a further 15% to 20%, yielding a final, overall response rate of between 55% and 60%. In fact, the final response rate for the study was 58.7%, well within the projected goal after non-deliverable questionnaires are adjusted for. There was a total of 237 non-deliverable surveys and 75 blank or uncodeable questionnaires.

In order to judge whether there was response bias in the study two routes were taken. The first was a comparison of a few key background characteristics between respondents and the population, and the second was to carry out a telephone survey of 200 randomly chosen non-respondents and compare the distribution of their responses on a few key questions to those of the respondents. (See Appendix B-2 for a copy of the instrument).

In the first bias check, tables were generated from the master file that compared respondents with the population in terms of their sex, language of correspondence and county of residence. The results are presented in Table A-1. The differences in distribution for the most part were very slight, although, once again, females were slightly over-represented in the response file.

In the telephone survey, non-respondents were asked the key questions about their program and institutional choices in 1984, whether or not any offers were received, and what their activities were last November 1, 1984 and last February 1, 1985. Once again the difference in the answers between the respondents and non-respondents were insignificant. A slightly higher proportion (29.0% vs 26.6%) of respondents did not receive any offers at all to an Ontario University of their choice, however, this difference is partly due to sampling error.

### A-5. Coding

After each returned questionnaire was accounted for by the mailout clerk, it was filed for coding. A small percentage of the returned questionnaires were not coded, due either to ineligibility or high item non-response. A detailed coding manual (see Appendix B-3), which included instructions on exactly how to code each question, was prepared for the coders. In this way, the coding process was almost completely standardized.

Most of the questions and items in the questionnaire were closed-ended and the coding for these involved only the transfer of the appropriate code to the margin of the instrument. In other instances, however, the questions were open-ended, so that coders had to refer to the manual for the list of possible choices and their appropriate codes. Program and institution codes were developed using a schema adopted by the Application Centre and modified for the purpose of this study so that programs could be cross-referenced between the various colleges and universities (see Appendix B-3).

The coding procedure was carried out by a team of specially trained coders from the Application Centre. During the first few weeks of coding, supervisors from Social Data Research and the Application Centre checked the coding thoroughly, and any problems were worked out. After this period, regular checking continued throughout the entire coding phase, and coders were continually encouraged to set aside problem questionnaires for supervisors to code.

## A-6. Data Entry, Editing and Analysis

Once the data were coded, they were entered directly into a computer file by data entry clerks at the Application Centre. The data were then edited for out of range and inconsistent codes. In particular, the edit program was designed to identify inconsistencies between programs and institutions in Questions 2, 3, 4, 5 and 6. If a program was coded or entered that was not offered at a particular institution, for example, the entire record was rejected. Surveys which were rejected due to any of the above errors were returned to the coders for correction and subsequently re-submitted to the entry clerks. Once again, difficult cases were set aside for the supervisors of the project.

During the data entry phase of the project, the basic demographic characteristics, as well as a few additional key variables from the Application Centre's master file of non-registrants, were transferred to the return file. These variables included sex, language of correspondence, county of residence, and Grade 13 academic record.

Once all the eligible surveys were entered into the file and edited for final errors, final tabulations were completed using SPSS-pc.

The final edited return file contained 2559 number of cases.

APPENDIX B

RESEARCH MATERIALS

# ONTARIO UNIVERSITIES' APPLICATION SURVEY

## INTRODUCTION

The Council of Ontario Universities and the Ontario Universities' Application Centre are very interested in the general issue of access to post secondary education and in what factors play a role in students' choices of a program and institution.

The records of the Application Centre indicate that you applied for admission to an Ontario university last year but were not registered at one as of November 1, 1984. (You will have an opportunity to correct this information if it is incorrect). We would very much appreciate your co-operation in completing the following questions regarding program and institutional preferences, activity as of November 1, 1984 and February 1, 1985, and factors which affected your preferences and activity.

This information you provide will be treated in the strictest confidence. The number you see on the questionnaire corresponds to your application number and will be used for record keeping purposes only.

Please return the completed questionnaire in the pre-stamped envelope provided. It is very important that we receive your completed questionnaire as soon as possible. To ensure validity of the survey, every response is needed.

Thank you for your assistance and co-operation in this important project.

## INSTRUCTIONS

Please read the instruction for each question carefully and indicate your response clearly either by **choosing the number or letter** that best corresponds to your response or **by checking the appropriate box** ☑ where applicable. If you find that none of the responses applies to you, please write in your answer near the question. If a write-in response is required, **please print** to ensure that your answer is legible. Thank you for your help.

1. Below are listed some of the general factors related to post secondary educational choices. Thinking back to your experience last year, please rank the importance of each one of the following for you by checking ☑ the appropriate box.

| | Unimportant or not a factor | Moderately Important | Very Important |
|---|---|---|---|
| (a) the institution's reputation for academic excellence | ☐ | ☐ | ☐ |
| (b) the good reputation of one particular program | ☐ | ☐ | ☐ |
| (c) the institution's athletic facilities and programs | ☐ | ☐ | ☐ |
| (d) the institution's size | ☐ | ☐ | ☐ |
| (e) size of the community in which the institution is located | ☐ | ☐ | ☐ |
| (f) the institution's reputation for job-oriented programs | ☐ | ☐ | ☐ |
| (g) to move away from my home town | ☐ | ☐ | ☐ |
| (h) to be with friends | ☐ | ☐ | ☐ |
| (i) family member(s) attended institution chosen | ☐ | ☐ | ☐ |
| (j) the advice or encouragement of high school teachers | ☐ | ☐ | ☐ |
| (k) the advice or encouragement of counsellors | ☐ | ☐ | ☐ |
| (l) the advice or encouragement of family | ☐ | ☐ | ☐ |
| (m) the advice or encouragement of friends | ☐ | ☐ | ☐ |
| (n) the institution's location close to home | ☐ | ☐ | ☐ |
| (o) finances | ☐ | ☐ | ☐ |
| (p) admission or program requirements | ☐ | ☐ | ☐ |
| (q) the institution's atmosphere | ☐ | ☐ | ☐ |
| (r) other factors (please specify below) | | | |
| _____ | ☐ | ☐ | ☐ |
| _____ | ☐ | ☐ | ☐ |

3. Some institutions, when unable to offer an applicant a place in the program applied for, will make an offer in an alternative program. Please list below any **alternative offers made to you** by any of the institutions of your choice.

| | What was the name of the program? | What was the name of the institution? | Was the offer: 1 = full time studies 2 = part time studies | Did you accept 1 = Yes 2 = No |
|---|---|---|---|---|
| (1) | | | | |
| (2) | | | | |
| (3) | | | | |

**REFERRING BACK TO Q. 2 AND Q. 3, IF YOU DID NOT RECEIVE ANY OFFERS AT ALL, PLEASE CHECK HERE ☐ AND SKIP TO Q. 5.**

If you received one or more offers, please answer the questions below.

4. Please list any programs and institutions from which you received an offer **but did not accept or register** and indicate the main reason for your decision by selecting the appropriate letter from the list of reasons given.

| | What was the name of the program? | What was the name of the institution? | Did you: 1 = accept but not register 2 = not accept | What was your MAIN reason for this decision? (Record appropriate letter from list) |
|---|---|---|---|---|
| (1) | | | | |
| (2) | | | | |
| (3) | | | | |
| (4) | | | | |
| (5) | | | | |

List of Reasons

(a) a better offer was received from another institution or program
(b) was not accepted into program or institution of choice
(c) needed a break from school
(d) undecided about future
(e) program or institution not recommended
(f) worry about not being able to get a job
(g) could not afford to attend
(h) did not want to move away from home
(i) other reasons

Please specify:

_____

_____

_____

_____

_____

_____

2. Please list below, **in order of your original preference**, all of the post secondary programs and institutions (including universities, Ryerson, Ontario College of Art and community colleges, whether in Ontario or not) that you completed an application for last year. Each combination of program and institution should be regarded as an individual choice (e.g. applications for engineering and science at a single institution should be reported as two choices). Please indicate your main reason for each choice by selecting the appropriate letter from the list of reasons given in Q 1, as well as whether or not an offer for admission was received.

| | What was the name of the program? | What was the name of the institution? | Were you applying for 1 = full time studies 2 = part time studies | What was your MAIN REASON for making this choice? (Record appropriate letter from Q 1) | Did you receive an offer? 1 = Yes, an offer was made 2 = No, an offer was not made |
|---|---|---|---|---|---|
| 1st choice | | | | | |
| 2nd choice | | | | | |
| 3rd choice | | | | | |
| 4th choice | | | | | |
| 5th choice | | | | | |
| 6th choice | | | | | |
| 7th choice | | | | | |
| 8th choice | | | | | |
| 9th choice | | | | | |
| 0th choice | | | | | |

7. Below are listed some of the reasons why students choose not to enrol in a post secondary institution. If you did not enrol in any post secondary institution in 1984/85, please rank the importance of each one for you by checking ☑ the appropriate box.

| | Unimportant | Moderately Important | Very Important |
|---|---|---|---|
| (a) I wanted to attend a post secondary institution but I could not afford it | ☐ | ☐ | ☐ |
| (b) I needed a break from school | ☐ | ☐ | ☐ |
| (c) I was undecided about my future plans | ☐ | ☐ | ☐ |
| (d) I did not find the right program for me | ☐ | ☐ | ☐ |
| (e) My parents did not want me to attend a post secondary institution | ☐ | ☐ | ☐ |
| (f) I did not find the right institution for me | ☐ | ☐ | ☐ |
| (g) I decided to travel | ☐ | ☐ | ☐ |
| (h) I preferred to carry on with my job | ☐ | ☐ | ☐ |
| (i) I intended to look for work | ☐ | ☐ | ☐ |
| (j) I did not get accepted into the program of my choice | ☐ | ☐ | ☐ |
| (k) I wanted to improve my Grade 13 marks | ☐ | ☐ | ☐ |
| (l) I did not get accepted into the institution of my choice | ☐ | ☐ | ☐ |
| (m) I wanted to pursue other interests | ☐ | ☐ | ☐ |
| (n) I was not ready yet | ☐ | ☐ | ☐ |
| (o) Other reasons (please specify below) | ☐ | ☐ | ☐ |
| _____ | ☐ | ☐ | ☐ |
| _____ | ☐ | ☐ | ☐ |

8. Finally, please provide any general comments about your experiences in applying to an Ontario university.

_____

_____

_____

_____

_____

_____

_____

THANK YOU VERY MUCH

**EVERYONE PLEASE ANSWER Q.5 AND Q.6**

5. What were you doing on last November 1, 1984? Were you . . . **(Please read all the responses and check ☑ those that apply).**

1 ☐ registered in an Ontario university

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

2 ☐ registered in a university outside Ontario

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

3 ☐ registered at Ryerson

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

4 ☐ registered at the Ontario College of Art

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

5 ☐ registered in a community college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

6 ☐ registered at another post secondary institution or technical college

if yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

7 ☐ enrolled in Grade 13

(Please check) Were you enrolled

full time ☐ 1 part time ☐ 2

8 ☐ working

(Please check) Were you working

full time ☐ 1 part time ☐ 2

9 ☐ unemployed but looking for work

10 ☐ travelling

11 ☐ other, please specify

_____

_____

6. What were you doing on February 1, 1985? Were you . . . **(Please read all the responses and check ☑ those that apply).**

1 ☐ registered in an Ontario university

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

2 ☐ registered in a university outside Ontario

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

3 ☐ registered at Ryerson

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

4 ☐ registered at the Ontario College of Art

If yes, which program _____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

5 ☐ registered in a community college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

6 ☐ registered at another post secondary institution or technical college

If yes, which one and which program

_____

(Please check) Were you registered

full time ☐ 1 part time ☐ 2

7 ☐ enrolled in Grade 13

(Please check) Were you enrolled

full time ☐ 1 part time ☐ 2

8 ☐ working

(Please check) Were you working

full time ☐ 1 part time ☐ 2

9 ☐ unemployed but looking for work

10 ☐ travelling

11 ☐ other, please specify

_____

_____

1984 UNIVERSITY APPLICATION STUDY

TELEPHONE SURVEY ANSWER SHEET

Respondent's Name: _____

Sex: 1 ____ Male 2 ____ Female

Choice of Program and Institution in Order of Preference

| | Program | Institution | Did R receive offer? 1. Yes 2. No | Did R receive alternative offer? 1. Yes (Record Program 2. No |
|---|---|---|---|---|
| 1st | | | | |
| 2nd | | | | |
| 3rd | | | | |
| 4th | | | | |
| 5th | | | | |
| 6th | | | | |
| 7th | | | | |
| 8th | | | | |
| 9th | | | | |
| 10th | | | | |

Activity on Nov. 1, 1984: _____

_____

_____

Activity on Feb. 1, 1985: _____

_____

_____

Other Comments: _____

_____

INTERVIEW QUESTION SHEET

Introduction: Hi. My name is _____ and I'm conducting a telephone study for the Council of Ontario Universities. Some time ago we sent mail surveys to all applicants to an Ontario University for the 1983/84 school year who did not eventually register. Our records show that you did apply to at least one Ontario University during this period. Is that true?

The government is very concerned about whether or not qualified applicants are able to attend a University here in this province and therefore, I would like to ask you just a few quick questions. Thank you very much.

1. First, could you tell me which programs and institutions in order of your original preference, including Ryerson, OCA, all universities and colleges both in and outside Ontario you applied for in 1983?

   Did you receive an offer from any of your choices? (If yes) Which ones?

2. I'm going to read you a list of activities and I'd like you to tell me what you were doing on last Nov. 1, 1984. (Please read list below and record all activities). Were you:

(a) registered full or part-time in a post-secondary institution (which one and which program)

(b) enrolled full or part-time in Grade 13

(c) working full or part-time

(d) unemployed but looking for work

(e) travelling

(f) something else?

3. How about on last Feb. 1, 1985, were you still doing the same thing or something else? (Please record activity for Feb. 1).

Thank you very much for your time. Do you have anything you'd like to add?

APPENDIX B-3

Final Coding Manual

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| ID1 | Applicant's ID | 9 |
| Line 1 | Line Number | 1 |
| | 1. Below are listed some of the general factors related to post secondary educational choices. Thinking back to your experience last year, please rank the importance of each one of the following for you by ✓ the appropriate box. | |
| | (Do not code) | Skip 25 |
| | 2. Please list below, in order of your original preference, all of the post secondary programs and institutions (including universities, Ryerson, Ontario College of Art and community colleges, whether in Ontario or not) that you completed an application for last year. Each combination of program and institution should be regarded as an individual choice (e.g. applications for engineering and science at a single institution should be reported as two choices). Please indicate your main reason for each choice as well as whether or not an offer for admission was received. | |
| Q2A1 | First choice program<br>(code using attached lists) | 2 |
| Q2A2 | First choice institution<br>(code using attached list) | 3 |
| Q2A3 | Was applicant applying full time or part time?<br>1. full time<br>2. part time | 1 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q2A4 | What was first main reason for making this choice?<br><br>(Code letter given left justify) | 2 |
| Q2A5 | What was second main reason for making this choice?<br><br>(code same as above)<br><br>99. no second reason given | 2 |
| Q2A7 | Did applicant receive an offer?<br><br>1. yes<br>2. no | 1 |
| Q2B1-Q2B7 | Same as above for second choice<br><br>9. no other choices given | 1? |
| Q2C1-Q2C7 | Same as above for third choice<br><br>9. no other choices given | 1? |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q2D1-Q2D 7 | Same as above for fourth choice | 12 |
| | 9. no other choices given | |
| Q2E1-Q2E 7 | Same as above for fifth choice | 12 |
| | 9. no other choices given | |
| Q2F1-Q2F 7 | Same as above for sixth choice | 12 |
| | 9. no other choices given | |
| Q2G1-Q2G 7 | Same as above for seventh choice | 12 |
| | 9. no other choices given | |
| Q2H1-Q2H 7 | Same as above for eighth choice | 12 |
| | 9. no other choices given | |
| Q2I1-Q2I 7 | Same as above for ninth choice | 12 |
| | 9. no other choices given | |
| Q2J1-Q2J 7 | Same as above for tenth choice | 12 |
| | 9. no other choices given | |

3. Some institutions, when unable to offer a place in the program applied for, will make an offer in an alternative program. Please list below any alternative offers made to you by any of the institutions of your choice.

| | | |
|---|---|---|
| Q3A1 | Program of first alternative offer | 2 |
| | (code program using same code list as in Q2) | |
| | 99. no offers made | |
| Q3A2 | Institution of first alternative offer | 3 |
| | (code institution using same code list as in Q2) | |
| | 999. no offers made | |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q3A3 | Was the offer full or part time?<br><br>9. no offers made<br>1. full time<br>2. part time | 1 |
| Q3A4 | Did applicant accept offer?<br><br>9. no offers made<br>1. yes<br>2. no | 1 |
| Q3B1-Q3B4 | Same as above for second alternative offer<br><br>9's. no second offer made | 7 |
| Q3C1-Q3C4 | Same as above for third alternative offer<br><br>9's. no third offer made | 7 |
| Q3 | More than three alternative offers made?<br><br>1. yes<br>2. no | 1 |
| Q4A1 | First program that applicant did not accept or register in<br><br>(code program using same code list as Q2)<br><br>99. no offers received | 2 |
| Q4A2 | First institution that applicant did not accept or register in<br><br>(code institution using same code list as Q2)<br><br>999. no offers received | 3 |
| Q4A3 | Did applicant accept but not register or not accept?<br><br>9. no offers received<br>1. accepted but did not register<br>2. did not accept | 1 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q4A4 | First main reason why not?<br>(Code letter given - left justify) | 2 |
| Q4A5 | Second main reason why not<br>(code same as above - left justify) | 2 |
| Q4B1-Q4B6 | Code second offer same as first<br>9's. no other offers received | 11 |
| Q4C1-Q4C6 | Code third offer same as above | 11 |
| Q4D1-Q4D6 | Code fourth offer same as above | 11 |
| Q4E1-Q4E6 | Code fifth offer same as above | 11 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| | 5. What were you doing on last November 1, 1983? Were you ... (Please read all the responses and check those that apply). | |
| Q5A1 | Was applicant registered in an Ontario university? | 1 |
| | 1. yes, checked<br>2. no, not checked | |
| Q5A2 | If yes, which one? | 3 |
| | (code using list from Q2) | |
| | 999. not applicable | |
| Q5A3 | If yes, which program? | 2 |
| | (code using list for Q2) | |
| | 99. not applicable | |
| Q5A4 | If yes, was applicant registered full or part time | 1 |
| | 9. not applicable<br>1. full time<br>2. part time | |
| Q5B1 | Was applicant registered in a university outside Ontario? | 1 |
| | 1. yes<br>2. no | |
| Q5B2 | If yes, which one? | 3 |
| | (code using list from Q2) | |
| | 999. not applicable | |
| Q5B3 | If yes, which program? | 2 |
| | 99. not applicable | |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q5B4 | If yes, was applicant registered full or part time<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5C1 | Was applicant registered at Ryerson?<br><br>1. yes<br>2. no | 1 |
| Q5C2 | If yes, which program?<br><br>(code using list for Q2)<br><br>99. not applicable | 2 |
| Q5C3 | Was applicant registered full or part time<br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5D1 | Was applicant registered at the Ontario College of Art?<br><br>1. yes<br>2. no | 1 |
| Q5D2 | If yes, which program?<br><br>(code using list from Q2)<br><br>99. not applicable | 2 |
| Q5D3 | Was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5E1 | Was applicant registered in a community college?<br><br>1. yes<br>2. no | 1 |
| Q5E2 | If yes, which one?<br><br>(code using list from Q2)<br><br>999. not applicable | 3 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q5E3 | If yes, which program?<br><br>(code using list from Q2)<br><br>99. not applicable | 2 |
| Q5E4 | Was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5F1 | Was applicant registered in another post secondary institution?<br><br>1. yes<br>2. no | 1 |
| Q5F2 | If yes, which one?<br><br>(code using attached list of private institutions)<br><br>99. not applicable | 2 |
| Q5F3 | If yes, which program?<br><br>(code using attached list of programs)<br><br>99. not applicable | 2 |
| Q5F4 | If yes, was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5G1 | Was applicant enrolled in Grade 13?<br><br>1. yes<br>2. no | 1 |
| Q5G2 | If yes, was applicant enrolled full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5H1 | Was applicant working?<br><br>1. yes<br>2. no | 1 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q5H2 | If yes, was applicant working full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q5I | Was applicant unemployed?<br><br>1. yes<br>2. no | 1 |
| Q5J | Was applicant travelling?<br><br>1. yes<br>2. no | 1 |
| Q5K | Was applicant doing something other than above?<br><br>1. yes<br>2. no<br><br>(left justify) | 2 |
| Q5 | Did applicant give more than one activity?<br><br>1. yes<br>2. no | 1 |

6. What were you doing on February 1, 1984? Were you ... (Please read all the responses and check those that apply).

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q6 | Was applicant doing exactly the same thing on February 1, 1984?<br><br>1. yes<br>2. no, applicant was doing something different<br><br>(Please note - Q6 should still be coded for everyone) | 1 |
| Q6A1 | Was applicant registered in an Ontario university?<br><br>1. yes, checked<br>2. no, not checked | 1 |
| Q6A2 | If yes, which one?<br><br>(code using list from Q2)<br><br>999. not applicable | 3 |
| Q6A3 | If yes, which program?<br><br>(code using list from Q2)<br><br>99. not applicable | 2 |
| Q6A4 | If yes, was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6B1 | Was applicant registered in a university outside Ontario?<br><br>1. yes<br>2. no | 1 |
| Q6B2 | If yes, which one?<br><br>(code using list from Q2)<br><br>999. not applicable | 3 |
| Q6B3 | If yes, which program?<br><br>99. not applicable | 2 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q6B4 | If yes, was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6C1 | Was applicant registered at Ryerson?<br><br>1. yes<br>2. no | 1 |
| Q6C2 | If yes, which program?<br><br>(code using list for Q2)<br><br>99. not applicable | 2 |
| Q6C3 | Was applicant registered full or part time?<br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6D1 | Was applicant registered at the Ontario College of Art?<br><br>1. yes<br>2. no | 1 |
| Q6D2 | If yes, which program?<br><br>(code using list from Q2)<br><br>99. not applicable | 2 |
| Q6D3 | Was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6E1 | Was applicant registered in a community college?<br><br>1. yes<br>2. no | 1 |
| Q6E2 | If yes, which one?<br><br>(code using list from Q2)<br><br>999. not applicable | 3 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q6E3 | If yes, which program?<br><br>(code using list from Q2)<br><br>99. not applicable | 2 |
| Q6E4 | Was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6F1 | Was applicant registered in another post secondary institution?<br><br>1. yes<br>2. no | 1 |
| Q6F2 | If yes, which one?<br><br>(code using list of private institutions)<br><br>99. not applicable | 2 |
| Q6F3 | If yes, which program?<br><br>(code using attached list of programs)<br><br>99. not applicable | 2 |
| Q6F4 | If yes, was applicant registered full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6G1 | Was applicant enrolled in Grade 13?<br><br>1. yes<br>2. no | 1 |
| Q6G2 | If yes, was applicant enrolled full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6H1 | Was applicant working?<br><br>1. yes<br>2. no | 1 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| Q6H2 | If yes, was applicant working full or part time?<br><br>9. not applicable<br>1. full time<br>2. part time | 1 |
| Q6I | Was applicant unemployed?<br><br>1. yes<br>2. no | 1 |
| Q6J | Was applicant travelling?<br><br>1. yes<br>2. no | 1 |
| Q6K | Was applicant doing something other than above?<br><br>1. yes<br>2. no<br><br>(left justify) | 2 |
| Q6 | Did applicant give more than one other activity?<br><br>1. yes<br>2. no | 1 |

| Variable Name | Description | Field Length (N. of Cols.) |
|---|---|---|
| | 7. Below are listed some of the reasons why students do not enrol in a post secondary institution. If you did not enrol in a post secondary institution in 1983/84, please rank the importance of each one for you by checking the appropriate box. | |
| Q7A | I wanted to attend university but could not afford it. | 1 |
| | 1. unimportant<br>2. moderately important<br>3. very important<br>9. no response | |
| Q7B-Q7 L | (code same as above) | 13 |
| Q701 | First other | 1 |
| | (code as above) | |
| Q702 | Second other | 1 |
| | (code as above) | |

| Code | University Program | Community College Equivalent & Other (program # from Horizons, pp 12-19) | Ryerson (program # from Horizons, p. 87) |
|---|---|---|---|
| 01 | Agriculture | Agricultural Technology | - |
| 02 | Architecture | Technology<br>241 Architectural (Building) Technician<br>242 Architectural (Design) Technician<br>243 Architectural (Design) Technology<br>244 Architectural (Drafting) Technician<br>245 Architectural (Drafting) Technology<br>246 Architectural (Mechanical Systems) Technician<br>247 Architectural Technician<br>248 Architectural Technology | Technology<br>74.03 Architectural Science |
| 03 | General Arts | - | - |
| 04 | Fine and Applied Arts (All courses at OCA are codes 04) | Arts<br>052 Advertising Art<br>053 Apparel, Management/Design<br>054 Art Conservation Techniques<br>055 College Vocational Program<br>056 Commercial Art & Design/ Packaging Design<br>057 Commercial Ceramics<br>058 Computer Graphics<br>059 Crafts & Design/Material Arts/ Furniture Accessory<br>060 Creative &/or Commercial Arts & Crafts<br>061 Dance<br>062 Design Arts/Basic Design<br>063 Fashion Arts/Modelling/Design/ Merchandising<br>064 Fine Arts & Crafts/Administration<br>065 Floriculture, Retail<br>067 Graphic Design<br>068 Horsemanship/Equine Care/ harness/Horse Industry Operation | Arts<br>70.01 Fashion<br>70.02 Graphic Arts Management<br>70.03 Interior Design<br>70.05 Library Arts<br>70.06 Photographic Arts<br>70.07 Radio and Television Art<br>70.08 Theatre |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 04 | Fine and Applied Arts (continued) | 069 Industrial Design<br>070 Interior Design/Decorating<br>071 Jewellery Arts/Repairs/Watchmaking<br>073 Metal Arts<br><br>076 Painting<br><br>078 Pottery<br>079 Sign Writing (Commercial Art)/ Screen Painting/Print Making<br>080 Theatre Arts/Performing Arts<br>081 Urban Design<br>082 Visual Arts: Merchandiging | |
| 05 | Science | Technology<br>258 Biological (Chemical) Technician<br>259 Biological (Industrial Microbiology) Technician<br>260 Biological (Microbiology/Electron Microscopy) Technology<br>261 Biological (Research) Technology<br>262 Biological (Sciences) Technology<br>267 Chemical (Biochemical) Technician<br>268 Chemical (Biochemical) Technology<br>272 Chemical (Food & Drug) Technology<br>276 Chemical (Laboratory) Technician<br>277 Chemical (Laboratory) Technology<br>278 Chemical (Microbiology) Technology<br>279 Chemical (Pharmaceutical) Technology<br>282 Chemical Technician<br>283 Chemical Technology<br>284 Civil (Building Construction) Technician<br>297 Computer (Computing Science) Technology<br>298 Computer (Data Processing) Technician<br>302 Computer (Micro) Service Technician<br>303 Computer (Science) Technology<br>304 Computer (Systems) Technology | Technology<br>74.09 Laboratory Science |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 06 | Business | Business<br>083 Business: Accounting<br>087 Business: Administration & Management<br>113 Business: Data Processing<br>122 Business: Marketing, Sales<br>130 Business: Secretarial | Business<br>72.00 Business<br>72.01 Business Administration<br>72.02 Business Management<br>72.03 Hospitality & Tourism Management<br>72.04 Secretarial & Administrat Studies |
| 07 | Education | Instructional Resource Services<br>235 Audio-Visual/Instruction Materials/ Equipment Technician<br>236 Educational Resources Technician<br>237 Library Technician | |
| 08 | Physical Education, Health and Recreation | Community Services<br>167 Coaching, Gymnastics/Athletics/ Training Management/Figure Skating/Diving<br>174 Fitness Instructor | |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 09 | Engineering and Applied Sciences | Technology | Technology |
| | | 269 Chemical Eng Technician | 74.01 Aerospece Eng Technology |
| | | 271 Chemical (Environmental) Eng Technician | 74.02 Applied Computer Science |
| | | 273 Chemical (Industrial) Eng Technician | 74.04 Chemical Eng Technology |
| | | 274 Chemical (Industrial) Eng Technology | 74.05 Civil Eng Technology |
| | | 275 Chemical (Industrial Hygiene) Eng Technology | 74.07 Electrical Eng Technology |
| | | 280 Chemical (Polymer) Eng Technician | 74.08 Industrial Eng Technology |
| | | 281 Chemical (Polymer) Eng Technology | 74.11 Mechanical Eng Technology |
| | | 285 Civil (Construction) Eng Technician | 74.12 Metallurgical Eng Technolo |
| | | 286 Civil (Drafting) Eng Technician | 74.13 Survey Eng Technology |
| | | 287 Civil Eng Technician | |
| | | 288 Civil Eng Technology | |
| | | 289 Civil (Explosives) Eng Technician | |
| | | 290 Civil (Marine) Eng Technology | |
| | | 291 Civil (Municipal) Eng Technology | |
| | | 292 Civil (Public Works) Eng Technician | |
| | | 293 Civil (Public Works) Eng Technology | |
| | | 294 Civil (Structural) Eng Technology | |
| | | 295 Civil (Transportation) Eng Technician | |
| | | 296 Civil (Transportation) Eng Technology | |
| | | 299 Computer Eng Technician | |
| | | 300 Computer Eng Technology | |
| | | 301 Computer (Micro) Eng Technology | |
| | | 306 Construction Eng Technician | |
| | | 307 Construction Eng Technology | |
| | | 308 Construction (Heavy Equipment) Eng Technician | |
| | | 309 Construction (Management) Eng Technician | |
| | | 310 Construction (Management) Eng Technology | |
| | | 311 Construction (Supervisor) Technician | |
| | | 312 Control (Systems) Eng Technician | |
| | | 313 Control (Systems) Eng Technnology | |
| | | 314 Digital Electronics Eng Technician | |
| | | 315 Drafting Eng Technician | |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 09 | Engineering and Applied Sciences (continued) | 318 - 347 Other engineering<br>350 Other engineering<br>361 - 362 "<br>366 - 368 "<br>370 "<br>372 - 376 "<br>379 - 381 "<br>383 "<br>387 - 391 "<br>393 - 400 "<br>402 - 407 "<br>409 - 412 "<br>422 "<br>424 - 427 "<br>434 - 435 " | |
| 10 | Environmental Studies | Technology<br>348 Environmental Science Technician/ Technology<br>Community Services<br>168 Community: Environmental Planning/ Development | |
| 11 | Forestry | Technology<br>355 Forestry (Fish & Wildlife) Technology<br>356 Forestry (Parks & Recreation) Technology<br>357 Forestry Technician<br>358 Forestry Technology | |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 12 | Household Science | Community Services<br>166 Child Studies/Nanny<br>172 Early Childhood Education/Day Worker<br>173 Family/Consumer Studies<br>175 Gerontology Techniques<br>177 Infant/Toddler Care & Education Techniques - Post Diploma<br>181 Nursery Aide/Family Day Care | Community Services<br>73.02 Early Childhood Education<br>73.04 Food, Nutrition, Consumer and Family Studies |
| 13 | Journalism | Communications<br>154 Journalism Print/Broadcast/ General | Arts<br>70.04 Journalism |
| 14 | Landscape Architecture | Technology<br>365 Horticulture Technician<br>377 Landscape Technician<br>378 Landscape Technology<br>Arts<br>072 Landscape Design | Technology<br>74.10 Landscape Architecture Technology |
| 15 | Music | Arts<br>074 Music<br>075 Music Industry Arts<br>077 Piano<br><br>Community Service<br>189 Piano Technician | |
| 16 | Nursing | Health<br>219 Mental Health Nursing<br>220 Nursing Assistant<br>221 Nursing Assistant - Post RNA<br>222 Nursing (Diploma)<br>223 Nursing Refresher/Upgrading<br>224 Nursing - Post RN | Community Service<br>73.01 Adult Intensive Care Nurs<br>73.05 Nursing |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 17 | Pharmacy | Health<br>227 Pharmacy Assistant | |
| 18 | Rehabilitation Medicine | Health<br>228 Physiotherapy/Occupational Therapy | |
| 19 | Social Work | Community Services<br>162 Addiction Counsellor<br>164 Behavioural Science/Mental Health Worker<br>165 Child Care Worker/Child Services<br>169 Community Studies/Social Resource Development<br>170 Correctional Worker/Community Worker<br>171 Counsellor: Special Care/Residential/ Rehab/Workshop Rehab<br>180 Mental Retardation Counsellor<br>182 Ontario Native Education (Alcohol & Drug Abuse Worker)<br>183 - 186 Ontario Native Education - Other<br>192 Social Services Worker | Community Services<br>73.06 Social Work |
| 20 | Veterinary Medicine | Health<br>208 Animal Health/Care | |
| 21 | Sports Administration | Community Services<br>163 Arena/Ski Area Management<br>187 Outdoor Recreation Technician/ Golf Course Technician<br>188 Parks Operation & Services<br>190 Recreation/Facilities Management/ Administration/Leadership<br>193 Sports/Entertainment Administration | |
| 22 | Arts and Science | Arts<br>066 General Arts and Science | |

| Code | University Program | Community College Equivalent & Other | Ryerson |
|---|---|---|---|
| 23 | Other - Canadian Studies, Cultural Studies, Environment & Resource Studies, Computer Studies, Comparative Development Studies, Native Skills, Integrated Studies | | |
| 24 | | Other Communications not listed above | |
| 25 | | Other Community Services not listed above | Other Community Services not list above |
| 26 | | Food, Hospitality and Tourism | |
| 27 | | Other Health not listed above | |
| 28 | | Other Technology not listed above | Other Technology not listed above |

ONTARIO

| | |
|---|---|
| B-- | Brock University |
| C-- | Carleton University |
| G-- | University of Guelph |
| A-- | Lakehead University |
| L-- | Laurentian University |
| M-- | McMaster University |
| O-- | Universite d'Ottawa |
| Q-- | Queen's University |
| T-- | University of Toronto |
| R-- | Trent University |
| W-- | University of Waterloo |
| E-- | University of Western Ontario |
| N-- | University of Windsor |
| Y-- | York University |
| U-- | Wilfrid Laurier University |
| P-- | Royal Military College |
| H01 | Ryerson Polytechnical Institute |
| H02 | Ontario College of Art |

MANITOBA

| | |
|---|---|
| I03 | University of Manitoba |
| I01 | Brandon University |
| I05 | University of Winnipeg |

SASKATCHEWAN

| | |
|---|---|
| J01 | University of Saskatchewan |
| J02 | University of Regina |

ALBERTA

| | |
|---|---|
| K01 | University of Alberta |
| K03 | Canadian Union College |
| K02 | University of Calgary |
| K04 | University of Lethbridge |
| K07 | Athabasca University |

BRITISH COLUMBIA

| | |
|---|---|
| S01 | University of British Columbia |
| S03 | Royal Roads Military College |
| S06 | Simon Fraser University |
| S07 | University of Victoria |

ONTARIO COMMUNITY COLLEGES

| | |
|---|---|
| X01 | Algonquin College of Applied Arts & Technology |
| X02 | Cambrian College of Applied Arts & Technology |
| X03 | Canadore College of Applied Arts & Technology |
| X04 | Centennial College of Applied Arts & Technology |
| X05 | Conestoga College of Applied Arts & Technology |
| X06 | Confederation College of Applied Arts & Technology |
| X07 | Durham College of Applied Arts & Technology |
| X08 | Fanshawe College of Applied Arts & Technology |
| X09 | George Brown College of Applied Arts & Technology |
| X10 | Georgian College of Applied Arts & Technology |
| X11 | Humber College of Applied Arts & Technology |
| X12 | Lambton College of Applied Arts & Technology |
| X13 | Loyalist College of Applied Arts & Technology |
| X14 | Mohawk College of Applied Arts & Technology |
| X15 | Niagara College of Applied Arts & Technology |
| X16 | Northern College of Applied Arts & Technology |
| X17 | Sault College of Applied Arts & Technology |
| X18 | St. Clair College of Applied Arts & Technology |
| X19 | St. Lawrence College of Applied Arts & Technology |
| X20 | Seneca College of Applied Arts & Technology |
| X21 | Sheridan College of Applied Arts & Technology |
| X22 | Sir Sanford Fleming College |
| X23 | Centralia College of Agricultural Technology |
| X24 | Kemptville College of Agricultural Technology |
| X25 | New Liskeard College of Agricultural Technology |
| X26 | Niagara Parks Commission, School of Horticulture |
| X28 | Ridgetown College of Agricultural Technology |
| X29 | Toronto Institute of Medical Technology |

| | |
|---|---|
| V-- | Other Ontario Institutions (private) |
| Z10 | Other Non-Ontario Canadian Institutions (private) |
| Z20 | Non-Canadian Institutions (Universities) |
| Z30 | Other Non-Ontario Canadian Institutions (Community Colleges) |
| Z40 | Other Non-Canadian Institutions (private) |
| Z50 | Universities outside North America |
| Z99 | Unknown |

UNIVERSITIES - Alphabetic Listing

| | |
|---|---|
| D03 | Acadia University |
| K01 | Alberta, University of |
| K07 | Athabasca University |
| D11 | Atlantic Institute of Education |
| F01 | Bishop's University |
| I01 | Brandon University |
| S01 | British Columbia, University of |
| B-- | Brock University |
| K02 | Calgary, University of |
| D12 | Cape Breton, University College of |
| C | Carleton University |
| F09 | Concordia University |
| D04 | Dalhousie University |
| G-- | Guelph, University of |
| D10 | King's College, University of |
| A | Lakehead University |
| L-- | Laurentian University |
| F07 | Laval, Universite |
| K04 | Lethbridge, University of |
| I03 | Manitoba, University of |
| F02 | McGill University |
| M-- | McMaster University |
| D01 | Memorial University |
| D18 | Moncton, Universite de |
| F04 | Montreal, Universite |
| D15 | Mount Allison University |
| D05 | Mount St. Vincent University |
| D16 | New Brunswick, University of |
| D07 | Nova Scotia, Technical University of |
| H02 | Ontario College of Art |
| O-- | Ottawa, Universite de |
| D02 | Prince Edward Island, University of |

| | |
|---|---|
| F06 | Quebec, Universite de |
| Q | Queen's University |
| J02 | Regina, University of |
| P | Royal Military College |
| S03 | Royal Roads Military College |
| H01 | Ryerson Polytechnical Institute |
| D13 | Sainte-Anne, Universite |
| D08 | St. Francis Zavier University |
| D17 | St. Thomas University |
| D09 | St. Mary's University |
| J01 | Saskatchewan, University of |
| F08 | Sherbrooke, Universite de |
| S06 | Simon Fraser University |
| D07 | Technical University of Nova Scotia |
| T-- | Toronto, University of |
| R-- | Trent University |
| W-- | Waterloo, University of |
| E-- | Western Ontario, University of |
| U-- | Wilfrid Laurier University |
| N-- | Windsor, University of |
| I05 | Winnipeg, University of |
| S07 | Victoria, University of |
| Y-- | York University |

B-4. **Re-classification of Programs by Program Type**

1. Arts Related - general arts, fine and applied arts, arts and science, journalism, music, social work, miscellaneous arts related, communications and community service.

2. Business Related - business, sports administration, food, hospitality and tourism.

3. General Science Related - science

4. Engineering Related - engineering and applied sciences, architecture, landscape architecture, other technology.

5. Applied Health - nursing, pharmacy, rehabilitation medicine, other health.

6. Applied Biological Sciences - agriculture, environmental science, forestry, household science, veterinary science.

7. Education Related - education, physical education.